

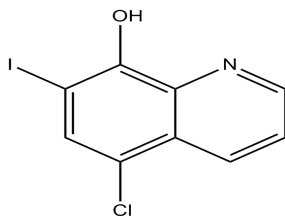
PRODUCT: Clioquinol

ALTERNATE NAME: 5-Chloro-8-hydroxy-7-iodoquinoline, 5-chloro-7-iodo-8-quinolinol; CQ

CATALOG #: 2454-1G, 5G

AMOUNT: 1g, 5 g

STRUCTURE:



MOLECULAR FORMULA: C₉H₅ClINO

MOLECULAR WEIGHT: 305.50

CAS#: 130-26-7

APPEARANCE: Tan solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: >95% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: An antiparasitic agent that forms stable complexes with copper and used for treatment of Alzheimer's disease. Displays anticancer properties by inhibition of proteasome activity. It targets tumor proteasome in vivo in a copper-dependent manner, resulting in formation of an active AR (androgen receptor) inhibitor and apoptosis inducer that is responsible for its observed antiprostata tumor effect.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Aclacinomycin A (Cat. No. 2032-5, 25)
- Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
- Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
- Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
- E6AP Antibody (Cat. No. 3744-100)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Fenbendazole (Cat. No. 2157-100, 500)
- Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)
- Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)
- Lactacystin (Cat. No. 1709-200)
- MG-115 (Cat. No. 1831-1, 5)
- EZSolution™ MG-115 (Cat. No. 2144-1)
- MG-132 (Cat. No. 1703-5, 25)
- PS-341 (Cat. No. 1846-1,5)
- EZSolution™ MG-132 (Cat. No. 1791-5)
- Oprozomib (Cat. No. 2386-5, 25)
- Proteasome Activity Assay Kit (Cat. No. K245-100)
- Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
- PYR-41 (Cat. No. 1925-5, 25)
- PS-341 (Cat. No. 1846-1, 5)
- EZSolution™ PS-341 (Cat. No. 2145-1)
- Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)

FOR RESEARCH USE ONLY! Not to be used in humans.